

Revealing the Past: Analytical Methods in Heritage Science

23 April 2026 Lydia and Manfred Gorvy Theatre, Victoria and Albert Museum

- 10:15 Lucia Burgio Opening remarks
Carla Burrell Empowering heritage science through the RICHeS distributed infrastructure
Dave Thickett Acoustic emission to understand the impact of widening RH control for sustainability
Diego Tamburini Scientific investigation of Asian lacquerware
Lucy Cramp The organic residue analysis workflow: biomarkers, compound-specific stable isotopes and radiocarbon dating
Bob Gooday Digital microscopy and heritage science
Q&A
- 11:35 Break
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- 11:55 Lore Troalen & Alison Hulme Analysis of historical dyes in heritage objects
Patrick Gleeson Conservation orientated characterisation and dating of heritage collections
Oliver Craig Harnessing the revolution in biomolecular science for museums & collections
Callum Graham Analytical techniques in understanding historical mortar—what are they and why bother?
Q&A
- 12:50 Lunch
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- 14:10 Margaret Veall Impervious to the ravages of insects: identification and analysis of pesticides in collections
Antonella Scherillo Neutrons and heritage science: a successful partnership
Francesca Gherardi Handheld XRF analysis of archaeological artefacts: challenges, advantages and limitations
Kieron Webb Close encounters of the fourth kind—heritage science comes to the moving image
Q&A
- 15:05 Coffee
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- 15:25 Irene Bargagli Heritage under the microscope: SEM-EDS analysis in conservation and archaeological science
Marc Vermeulen Hazardous pigments in collections: navigating scientific risk & inclusive access
Bronwyn Ormsby What can FTIR spectroscopy tell us about the vulnerabilities of modern art?
Daniel O'Flynn X-radiography and computed tomography for collections
Q&A
- 16:20 Networking
- 16:50 Lucia Burgio Closing remarks



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